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Jun 7, 2006

DERWENT-ACC-NO: 2002-733098

DERWENT-WEEK: 200673

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TITLE: Filtration apparatus, for liquids e.g. cooling emulsions, comprises tubular filter element of non-woven metal fiber fleece and reinforcing layer

INVENTOR: VANHOUTTE, G ; STRUYVE, Y ; THIERRY, Q

PATENT-ASSIGNEE:

ASSIGNEE	CODE
BEKAERT NV SA	TREB
VANHOUTTE G	VANHI

PRIORITY-DATA: 2001EP-0204577 (November 26, 2001), 2001EP-0201328 (April 11, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input checked="" type="checkbox"/> CN 1258388 C	June 7, 2006		000	B01D039/20
<input checked="" type="checkbox"/> WO 200283267 A2	October 24, 2002	G	027	B01D039/20
<input type="checkbox"/> EP 1377357 A2	January 7, 2004	G	000	B01D039/20
<input type="checkbox"/> AU 2002308126 A1	October 28, 2002		000	B01D039/20
<input type="checkbox"/> US 20040129649 A1	July 8, 2004		000	C02F001/00
<input type="checkbox"/> CN 1509200 A	June 30, 2004		000	B01D039/20
<input type="checkbox"/> AU 2002308126 A8	October 6, 2005		000	B01D039/20

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
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CN 1258388C	March 28, 2002	2002CN-0809816
WO 200283267A2	March 28, 2002	2002WO-EP03712
EP 1377357A2	March 28, 2002	2002EP-0761900
EP 1377357A2	March 28, 2002	2002WO-EP03712
EP 1377357A2		WO 200283267 Based on
AU2002308126A1	March 28, 2002	2002AU-0308126
AU2002308126A1		WO 200283267 Based on
US20040129649A1	March 28, 2002	2002WO-EP03712
US20040129649A1	October 9, 2003	2003US-0474422
CN 1509200A	March 28, 2002	2002CN-0809816
AU2002308126A8	March 28, 2002	2002AU-0308126
AU2002308126A8		WO 200283267 Based on

INT-CL (IPC) : B01D 39/10; B01D 39/20; C02F 1/00

RELATED-ACC-NO: 2002-741077

ABSTRACTED-PUB-NO: WO 200283267A

BASIC-ABSTRACT:

NOVELTY - A filtration apparatus comprises tubular filter element (102) with filter medium (106). The filter medium comprises a non-woven metal fiber fleece and reinforcing rib (110). The fleece is sintered to the reinforcing rib.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a filtration tank comprising the above apparatus.

USE - For liquids e.g. cooling emulsions, water, or liquids containing valuable particles e.g. precious metals.

ADVANTAGE - The novel apparatus has high rigidity, filter fineness, and filtration flux. It can easily and efficiently be cleaned.

DESCRIPTION OF DRAWING(S) - The drawing shows a longitudinal view of the above filtration apparatus.

Tubular filter element 102

Filter medium 106

Reinforcing rib 110

CHOSEN-DRAWING: Dwg.1/9

TITLE-TERMS: FILTER APPARATUS LIQUID COOLING EMULSION COMPRISE TUBE FILTER ELEMENT NON WOVEN METAL FLEECE REINFORCED LAYER

DERWENT-CLASS: J01

CPI-CODES: J01-F02D; J01-H;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-207553